

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP 03/09525

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7	C07D239/22	C07D401/04	C07D401/12	C07D403/08	C07D403/12
	C07D405/08	C07D413/04	C07D417/04	A61K31/513	A61K31/5377
	A61P9/00				

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>FRECHET J M J ET AL: "A Combinatorial Approach to Recognition of Chirality: Preparation of Highly Enantioselective Aryl-Dihydropyrimidine Selectors for Chiral HPLC" JOURNAL OF COMBINATORIAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 1, no. 1, 1999, pages 105-112, XP002267474 ISSN: 1520-4766 Scheme 1, entry 27 of table 1, page 110, column 2, paragraph 2</p> <p>—</p>	1-3, 6, 9-11, 14, 15
A	<p>EP 0 528 633 A (ICI PLC) 24 February 1993 (1993-02-24) page 2, line 1 - line 18; claims 1,13</p> <p>— —</p>	1-21 —/—

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
21 January 2004	12/02/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Hanisch, I

## INTERNATIONAL SEARCH REPORT

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PCT/EP 03/09525

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 37837 A (SMITHKLINE BEECHAM CORP ; UNDERWOOD DAVID C (US); ADAMS JERRY L (US) 31 May 2001 (2001-05-31) page 16, line 24 -page 18, line 23; claims 1,12; examples 13,14 -----	1-21
A	US 5 532 366 A (WARNER PETER ET AL) 2 July 1996 (1996-07-02) column 1, line 4 - line 31; claim 1 -----	1-21

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP 03/09525

### Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: - because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

**Continuation of Box I.1**

Although claim 21 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

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**Continuation of Box I.1**

Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 03/09525

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0528633	A 24-02-1993		AT 197043 T AU 658426 B2 AU 2101692 A CA 2076226 A1 CZ 9202517 A3 DE 69231513 D1 DE 69231513 T2 EP 0528633 A1 FI 923661 A HU 61732 A2 IE 922586 A1 JP 5286946 A MX 9204712 A1 NO 923197 A NZ 243950 A US 5254558 A ZA 9206147 A ZW 13292 A1	15-11-2000 13-04-1995 18-02-1993 16-02-1993 17-02-1993 23-11-2000 01-03-2001 24-02-1993 16-02-1993 01-03-1993 24-02-1993 02-11-1993 01-06-1993 16-02-1993 26-05-1995 19-10-1993 28-04-1993 05-05-1993
WO 0137837	A 31-05-2001		AU 1626001 A EP 1248624 A1 JP 2003517471 T WO 0137837 A1	04-06-2001 16-10-2002 27-05-2003 31-05-2001
US 5532366	A 02-07-1996		AT 171191 T AU 669545 B2 AU 4507893 A CA 2139421 A1 DE 69321121 D1 DE 69321121 T2 EP 0649432 A1 FI 946202 A WO 9401455 A1 HU 68543 A2 JP 7508748 T NO 945091 A	15-10-1998 13-06-1996 31-01-1994 20-01-1994 22-10-1998 04-03-1999 26-04-1995 26-01-1995 20-01-1994 28-06-1995 28-09-1995 16-02-1995